

§ 32.53-75 Gas main: Automatic shut-down valve—T/ALL.

(a) The gas main of each inert gas system must have an automatic shut-down valve that is fitted where the gas main leaves the production plant.

(b) Each shut-down valve must be designed to close automatically upon blower failure.

§ 32.53-80 Tank cleaning—T/ALL.

Each inert gas system must be capable of maintaining an inert atmosphere within tanks that are being mechanically washed.

§ 32.53-85 Instruction manual—T/ALL.

(a) The master of each ship that has an inert gas system must have on board the ship an instruction manual that contains instructions for the safe operation and maintenance of the inert gas system.

(b) If a vapor collection system required to meet part 39 of this subchapter is connected to the inert gas system, the instruction manual required by paragraph (a) of this section must include procedures relating to vapor collection operations.

[CGD 74-127, 41 FR 3843, Jan. 26, 1976, as amended by CGD 88-102, 55 FR 25446, June 21, 1990]

Subpart 32.55—Ventilation and Venting

§ 32.55-1 Ventilation of tank vessels constructed on or after July 1, 1951—TB/ALL.

(a) On all tanks vessels, the construction or conversion of which is started on or after July 1, 1951, all enclosed parts of the vessel, other than cargo, fuel and water tanks, cofferdams and void spaces, shall be provided with efficient means of ventilation.

(b) Compartments containing machinery where sources of vapor ignition are normally present shall be ventilated in such a way as to remove vapors from points near the floor level or the bilges. Effective steam or air actuated gas ejectors, blowers or ventilators fitted with heads for natural ventilation, with at least one duct extending to immediately below the floor plates will be approved for this purpose.

pose. Machinery spaces below the freeboard deck, in which fuels with flash point of 110° F or lower are used, shall be equipped with power ventilation. (See § 32.60-20 for other requirements concerning pumprooms.)

§ 32.55-5 Ventilation of tank vessels constructed between November 10, 1936, and July 1, 1951—TB/ALL.

(a) On tank vessels, the construction or conversion of which was started on or after November 10, 1936, and prior to July 1, 1951, all enclosed parts of the vessel, other than cargo, fuel, and water tanks and cofferdams, shall be provided with efficient means of ventilation.

(b) Pumprooms and compartments containing machinery where sources of vapor ignition are normally present shall be ventilated in such a way as to remove vapors from points near the floor level or the bilges. Effective steam or air actuated gas ejectors or blowers or ventilators fitted with heads for natural ventilation, will be approved for this purpose. (See § 32.65-20 for other requirements concerning pumprooms.)

§ 32.55-10 Ventilation of tank vessels contracted prior to November 10, 1936—TB/ALL.

Ventilation of tank vessels, the construction or conversion of which was started prior to November 10, 1936, shall be equal to the requirements of tank vessels constructed before July 1, 1951, where the changes are, in the opinion of the Officer in Charge, Marine Inspection, necessary in the interest of safety.

[CGFR 65-50, 30 FR 16671, Dec. 30, 1965, as amended by CGFR 66-33, 31 FR 15268, Dec. 6, 1966]

§ 32.55-15 Ventilation for hold spaces—TB/ALL.

Hold spaces containing independent cargo tanks shall be considered to be equivalent to cargo pumprooms and shall be ventilated and safeguarded as such.